

Utility Model Publication

(19) [Issuing Country] Japan Patent Office (JP)
(11) [Publication Number] Utility Model Application S62-157404
(12) [Publication Type] Unexamined Utility Model Publication (U)
(21) [Application Number] Unexamined Utility Model Application S61-47437
(22) [Filing Date] March 31, 1986
(43) [Publication Date] October 6, 1987
(45) [Date of Issue] February 2, 2000
(71) [Applicant] Hong Shieng Chong
No. 590-2, Tsing-Chai Hsiang, Tsao-Tun Chen, Nantou
Hsien, Taiwan, ROC
(72) [Designer] Hong Shieng Chong
No. 590-2, Tsing-Chai Hsiang, Tsao-Tun Chen, Nantou
Hsien, Taiwan, ROC
(74) [Agent] Patent Attorney Masaaki OGURA
[Examination Request] Yes
[Number of Pages] 2
(51) [International Patent Classification Revision 4]

F1	Identification Symbol	JPO File Number
A43C 1/00		7112-4F
A43B 23/02	105	6617-4F
A43C 7/00		7112-4F

(54) [TITLE OF THE DESIGN] SHOESTRING FASTENER

(57) UTILITY MODEL REGISTRATION CLAIM

A shoestring fastener consisting of: a hollow body case having a base, a Y-shape pusher, and a case cover;

wherein the aforementioned case comprises a cut away opening made on a rear end side surface communicating into a hollow part of a truncated hexagon, a window-hole formed on a front end side surface communicating into this hollow part, a divider plate installed so as to hang across the aforementioned the hollow part, elliptical holes made on both the side surfaces communicating into the hollow part, a mounting ring fixed on a basilar part surface, and an elliptical hole made on said surface communicating into the hollow part;

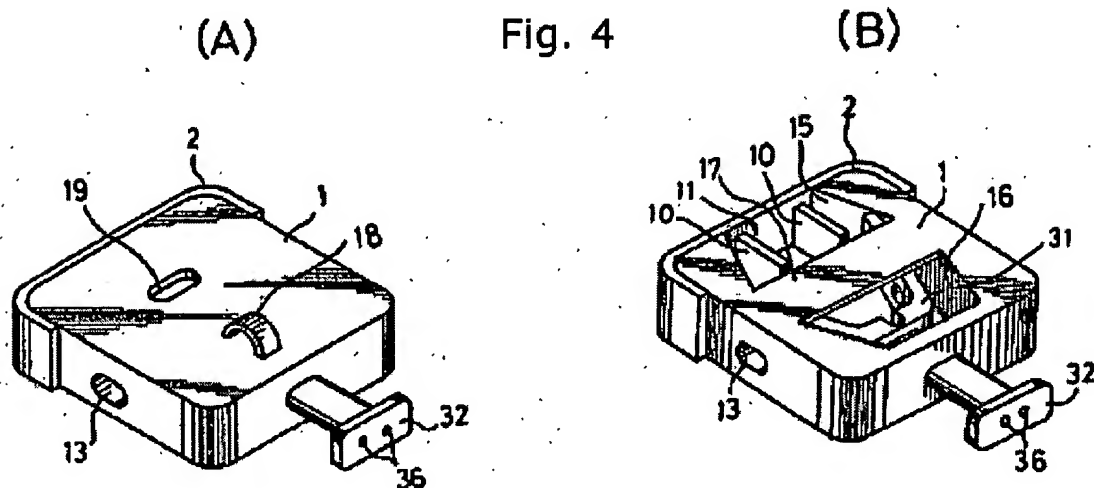
wherein the Y-shape pusher made of an elastic material comprises a Y-shape pestle having a handle fitted into a window-hole formed on the front end side surface of the aforementioned case, as well as an inserting hole to which multiple shoestrings are inserted, made on this Y-shape pestle, and

wherein the case cover consists of a member attached to the rear end side surface of the aforementioned case covering the cut away opening.

BRIEF EXPLANATION OF DRAWINGS

Drawings are herein provided to show examples of the present design. Fig. 1 is an exploded perspective view. Fig. 2A and 2B show loosening and fastening operations according to the present design. Fig. 3 shows the fastener of the present design attached to the instep of a shoe. Fig. 4A and 4B are total perspective views respectively.

1: Case, 2: Case Cover, 3: Y-shape Pusher, 4: Shoestrings, 10: Stopper, 11: Cut Away Opening, 13: Elliptical Hole, 14: Engaging Hole, 15: Pushing Surface, 16: Pressing Surface, 17: Divider Plate, 18: Attaching Ring, 19: Elliptical Hole, 21: Engaging Hook, 31: Y-shape Pestle, 32: Handle, 35: Fitting Claw, 34, 37 and 38: Inserting Holes .



⑫ 公開実用新案公報 (U)

昭62-157404

⑬ Int. Cl.⁴

識別記号

庁内整理番号

⑭ 公開 昭和62年(1987)10月6日

A 43 C 1/00
A 43 B 23/02
A 43 C 7/00

1 0 5

7112-4F
6617-4F
7112-4F

審査請求 有 (全2頁)

⑮ 考案の名称 靴紐の緊締具

⑯ 実 願 昭61-47437

⑰ 出 願 昭61(1986)3月31日

⑱ 考 案 者 ホン シエン チョン 台湾南投県草屯鎮中正路590の2号

⑲ 出 願 人 ホン シエン チョン 台湾南投県草屯鎮中正路590の2号

⑳ 代 理 人 弁理士 小倉 正明

㉑ 実用新案登録請求の範囲

有底中空体のケースと、Y字状押動体と、ケースカバーとから成り、

前記ケースは、略六角形の中空部と、この中空部内の前側の対峙する二辺で形成される押圧面と、この中空部に連通する後端側面に穿設した切欠開口と、前端側面に形成した窓孔と、前記中空部に架設した仕切り板と、両側面に穿設した中空部に連通する楕円孔と、底部表面に固着した挿着環と、該表面に穿設した中空部に連通する楕円孔を備え、

Y字状押動体は、弾性材から成り、前記ケース前端側面に形成した窓孔に嵌装されるハンドルを備えるY字杆と、このY字杆に穿設した複数の靴紐を挿通する挿通孔とを備え、

ケースカバーは前記ケースの後端側面に装着し

て切欠開口を被蓋する部材から成る靴紐の緊締具。

㉒ 図面の簡単な説明

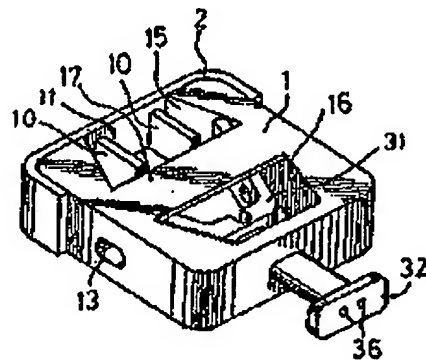
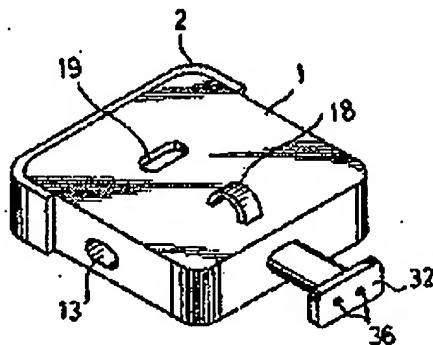
図は本考案の実施例を示すもので、第1図は分解斜視図、第2図A、Bは本考案の締めと引締めの実施を示す図、第3図は本考案を靴甲に装着した状態を示す図、第4図A、Bはそれぞれ全体斜視図である。

1……ケース、2……ケースカバー、3……Y字状押動体、4……靴紐、10……ストツバー、11……切欠開口、13……楕円孔、14……係合孔、15……押動面、16……押圧面、17……仕切り板、18……挿着環、19……楕円孔、21……係止鉤、31……Y字杆、32……ハンドル、35……嵌合爪、34、37、38……挿通孔。

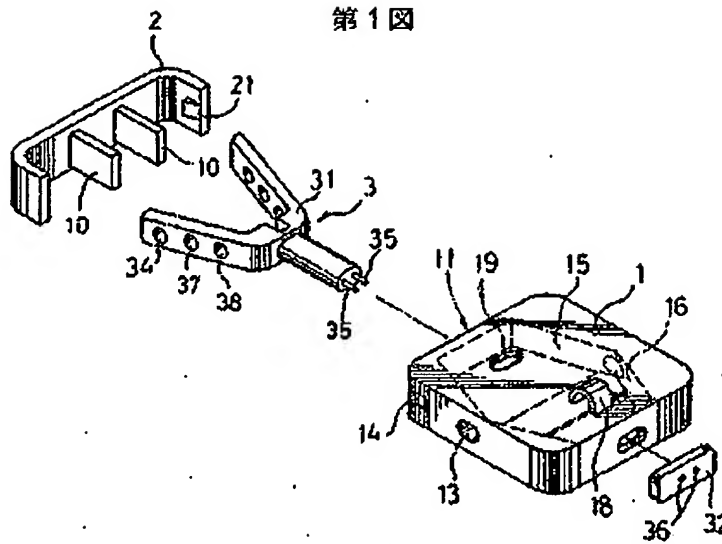
(A)

第4図

(B)



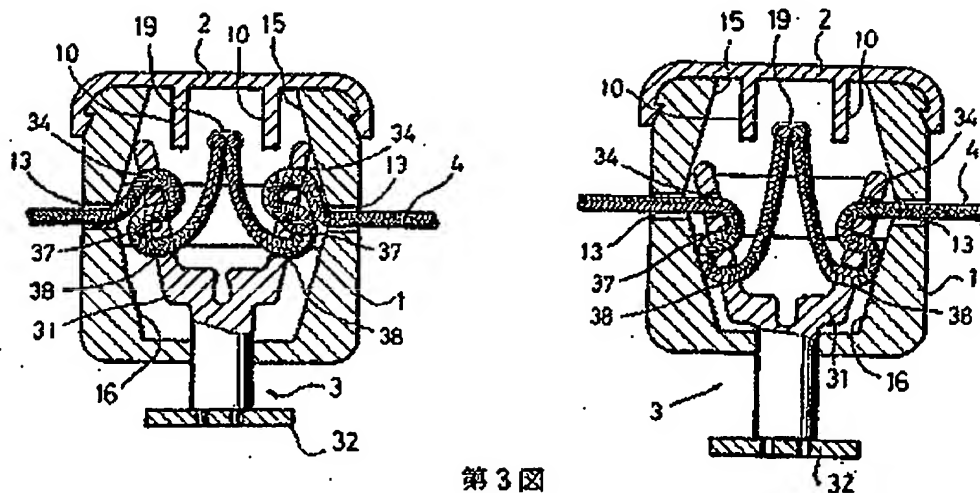
第1図



(A)

第2図

(B)



第3図

